

Title (en)
LIGHT MODULE DEVICE

Title (de)
LICHTMODULGERÄT

Title (fr)
DISPOSITIF DE MODULE LUMINEUX

Publication
EP 2250818 A1 20101117 (EN)

Application
EP 09708985 A 20090202

Priority

- IB 2009050394 W 20090202
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Abstract (en)
[origin: WO2009098621A1] This invention relates to illumination systems for projection type display systems, and more particularly to a light module device comprising a light source, which emits light of a first color, and a pixelated optical element, which is arranged to receive the emitted light. The pixelated optical element comprises a first set of pixels for color converting a fraction of the emitted light of the first color into a second color, a second set of pixels for color converting a fraction of the emitted light of the first color to a third color, and a third set of pixels which are non-converting for passing a fraction of the emitted light. The device further comprises an addressable pixelated optical shutter arranged in front of the pixelated optical element for modulating light received from the pixelated optical element and as a result outputs light from said device, which output light comprises light of three colors which are modulated by the addressable pixelated optical shutter.

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